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Unit 9 Assignment 2 Learning Aim B Student Guide Distinction

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Learning Aim B: Carry Out the Project Initiation for an IT Project

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B.P3, B.M2, BC.D2 Evidence

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NOTE TO STUDENTS

This guide is to help you complete learning aim B for Unit 9

This guide will assume you are managing one of your other Units

This guide will refer to the Programming Unit (Unit 4) and the Website Unit (Unit 6)

These are examples of other projects you might manage

This guide will assume you are using Agile Methodology

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B.P2 – Initial Idea

Record your written summary of your initial project idea here.

This where identify what project you are going to manage.

It is not very specific at this stage.

Resources and Information	
Have I done This?	
Am I confident on This?	

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B.P2 – Initial Problems to be Solved

Problem To Be Solved	Research Source
For a How to save python data to a file	e.g. www.w3schools.com
What will the company website look like?	e.g. Looking at other web development companies online e.g. https://www.techtiq.co.uk/web-development
	Other sources e.g. journals, databases, the library
You might already have had to identify problems in your other unit	

Resources and Information	
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B.P2 – Identifying Tools to Solve Problems

From the problems you have identified

Begin to work the problems in reverse and identify how you intend to solve these problems

Identify any solutions from a brainstorming discussion session

Record your findings

These problems could be Project Specific, or more general Management Problems.

Resources and Information	
Have I done This?	
Am I confident on This?	

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B.P2 – Identifying Tools to Solve Problems

From the problems you have identified

Identify either a mind map or a drawing of the overall problem

This could be a rough outline of the parts of the program

This could be a sketch of the number of pages in your website

Resources and Information	
Have I done This?	
Am I confident on This?	

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B.P2 – Identifying Tools to Solve Problems

Carry out the de Bono Six Hat Exercise

While wearing this hat..	You can only think of..
White Hat	What data or information is available to you
Red Hat	Can you spot any problems in creating the solution?
Black Hat	Can you see any negative outcomes? Why might your solution **NOT WORK IN THE END!**

Resources and Information	
Have I done This?	
Am I confident on This?	

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B.P2 – Identifying Tools to Solve Problems

Carry out the de Bono Six Hat Exercise

While wearing this hat..	You can only think of..
Yellow Hat	What are the benefits of this solution
Green Hat	How are you going to creatively solve the problem
Blue Hat	This is where you control the project and you might get people to put different hats back on.

Resources and Information	
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B.P2 – Identifying Alternate Solutions

You will need to have identified two possible alternate solutions

e.g. if you are building a website, a program might be an alternate solution

e.g. if you are building a spreadsheet, a database might be an alternate solution

Resources and Information	
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BC.D2 Evaluate the Solutions

You will need to list the strengths of both technical solutions to the problem

You will need to list the weaknesses of both technical solutions to the problem

You will then need to suggest which solution is better and WHY

You must use a reasoned argument, using the words BECAUSE, IN CONCLUSION, THEREFORE.

Do not recommend a solution at this stage, but you can suggest which solution you prefer

Resources and Information	
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